mini VENT

USER MANUAL

V1.0

12V DC
Connect the included AC adapter (12V DC, 0.5A) only. Always connect all other cords before plugging in the AC adapter. The Mini Vent can not be powered by batteries.

IN
This jack accepts mono guitar, organ and keyboard signals.

OUT L , OUT R / MONO
The mini Vent provides a stereo output. If you just need a mono signal the R / MONO output delivers the best quality, particularly in STOP mode.

A-B
Switches between two programmable settings of the mini Vent. See > Programming.

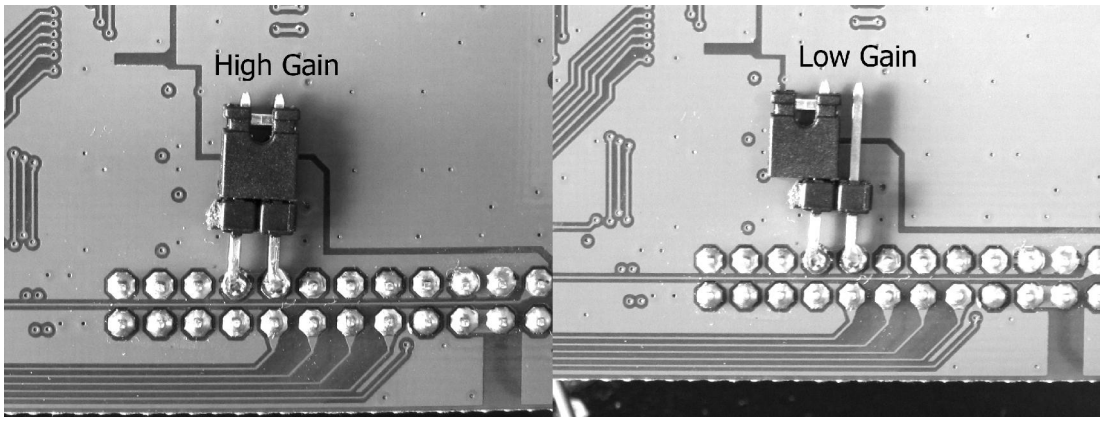
BYPASS
Turns the rotary effect on and off. When the red LED lights up, the effect is active, when it's off the signal is relayed to both outputs via a true bypass circuit.

SLOW / FAST
Switches the rotors to slow or fast speed. The yellow Lo and red Hi Leds indicate the current speed of the virtual rotors.

STOP
Pressing both the Bypass and Slow / Fast switch simultaneously causes the rotors to stop.
The rotors always stop in the front position. The Stop mode can be particularly useful when DRIVE is activated.

Input Gain Select
The mini Vent is set to Hi Gain input from the factory to get the most out of the DRIVE section when used with low to medium output instruments. If an instrument with hotter output signal is connected (e.g. Humbucker guitars and some organs) and you notice clipping, the mini Vent can be switched to Lo Gain.

1. Unplug the AC adapter of the mini Vent
2. Unscrew the 4 screws on the bottom and open the enclosure
3. Find the jumper soldered flat on the PCB board (see picture below)
4. Remove the jumper and attach on one of the pins only
5. Attach the bottom cover with the 4 screws



Programming
The following parameters can be edited and stored to setting A or B:
- Preset select
  Preset 1 (Mellow sound with far Distance setting. Cabinet simulation is turned off.)
  Preset 2 (Closer Distance setting with the 122 cabinet simulation turned on.)
- Drive Intensity
  in 5 steps (off,1,2,3,full)

Settings are stored to flash memory so that there's no reprogramming necessary on power up.

1. Power up the mini Vent while holding the Slow/Fast switch for 3 seconds
This enters the edit routine, effect will be switched on and Slow Speed is selected
2. Set the A-B switch on the back according to the setting you want to edit
3. The Speed LEDs reflect the parameter settings. Lo LED represents "Preset 1", Hi LED represents "Preset 2". The Drive intensity is indicated through flashing or constant glowing.
Here's a list of all possible settings:

Preset 1, Drive off	(Lo LED blinks 1x/sec, Hi LED off)	*factory default for A*
Preset 1, Drive 1	(Lo LED blinks 2x/sec, Hi LED off)	
Preset 1, Drive 2	(Lo LED blinks 3x/sec, Hi LED off)	
Preset 1, Drive 3	(Lo LED blinks 4x/sec, Hi LED off)	
Preset 1, Drive full	(Lo LED constantly on, Hi LED off)	
Preset 2, Drive off	(Lo LED off, Hi LED blinks 1x/sec)	
Preset 2, Drive 1	(Lo LED off, Hi LED blinks 2x/sec)	
Preset 2, Drive 2	(Lo LED off, Hi LED blinks 3x/sec)	
Preset 2, Drive 3	(Lo LED off, Hi LED blinks 4x/sec)	
Preset 2, Drive full	(Lo LED off, Hi LED constantly on)	*factory default for B*

4. To get UP on the list press the Bypass switch repeatedly, to get DOWN on the list press the Slow / Fast switch.
5. Toggle the A-B switch if the other memory shall be edited too and repeat the previous steps
6. When editing is finished press Bypass and Slow/Fast simultaneously and hold for 2 seconds. Settings will be stored and the mini Vent returns to play mode (effect on, slow speed).

Warranty terms
Neo Instruments extends a warranty covering all verifiable defects in material and workmanship for a period of 12 months from the date of original purchase. Statutory warranty rights remain unaffected hereby. The warranty covers the remedying of manifest defects by replacing or repairing defective parts. Any other claims, in particular those for a reduction in price or cancellation of contract, may only be made after an attempt to rectify the defect or deliver a replacement has failed.
The warranty does not cover damage incurred during transit, as well as damage caused by non-compliance with the operating manual and improper or negligent handling of the device. Beyond that, the warranty does not cover defects or damage caused by acts of God (including but not limited to lightning, floods, etc.) or other external influences, as well as mechanical damage or flaws that are not attributable to manufacturing defects. If defects occur during the warranty period, please contact us at the following address:

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